

INTERNATIONAL SEARCH REPORT

Int ernational Application No

PCT/GB 99/01234

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A61K49/00 A61K41/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 25097 A (APFEL ENTERPRISES INC) 17 July 1997 (1997-07-17) abstract page 6, line 9 -page 7, line 23 page 32, line 12 -page 33, line 10 ----	1-22
X	WO 94 21301 A (HOLMES MICHAEL JOHN ;NYCOMED IMAGING AS (NO); BERG ARNE (NO); DUGS) 29 September 1994 (1994-09-29) abstract page 9, line 29 - line 37 ----	1-22
X	US 4 681 119 A (RASOR JULIA S ET AL) 21 July 1987 (1987-07-21) column 6, line 1 - line 24 column 8, line 59 -column 9, line 24 ----- -/--	1-22



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

29 September 1999

Date of mailing of the international search report

06/10/1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dullaart, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 466 442 A (ZIMMERMANN INGFRID ET AL) 21 August 1984 (1984-08-21) column 4, line 63 -column 5, line 2 ----	1-22
A	SIMONIN J -P: "On the mechanisms of in vitro and in vivo phonophoresis" JOURNAL OF CONTROLLED RELEASE, vol. 33, no. 1, 1 January 1995 (1995-01-01), page 125-141 XP004037648 ISSN: 0168-3659 page 133 -----	1-22
P,X	WO 98 17324 A (MARSDEN JOHN CHRISTOPHER ;ERIKSEN MORTEN (NO); OESTENSEN JONNY (NO) 30 April 1998 (1998-04-30) page 57 -page 58; examples 1BW,1CA-1CC page 69; examples 2A0-2A0 -----	1-22

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International application No.

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Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 18-20
because they relate to subject matter not required to be searched by this Authority, namely:
Remark: Although claims 18-20
are directed to a method of treatment of the human/animal
body, the search has been carried out and based on the alleged
effects of the compound/composition.
2. ☒ Claims Nos.: 1-22 in part
because they relate to parts of the International Application that do not comply with the prescribed requirements to such
an extent that no meaningful International Search can be carried out, specifically:
See FURTHER INFORMATION SHEET PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all
searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment
of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report
covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-22 in part

Present claims 1-22 relate to an extremely large number of possible agents, methods and uses. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the agents, methods and uses claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the agents, methods and uses for which pharmacological data were supplied, those mentioned specifically in the claims, and to the principle underlying the present application.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9725097 A	17-07-1997	AU 2241897 A CA 2242768 A EP 0892645 A US 5840276 A	01-08-1997 17-07-1997 27-01-1999 24-11-1998
WO 9421301 A	29-09-1994	AU 696091 B AU 6215294 A BG 62084 B BG 100272 A BR 9406228 A CA 2158365 A CN 1121315 A CZ 9502370 A EP 0689461 A FI 954325 A HU 72982 A JP 8509706 T NO 953637 A PL 310656 A SK 113895 A	03-09-1998 11-10-1994 26-02-1999 31-05-1996 12-12-1995 29-09-1994 24-04-1996 13-03-1996 03-01-1996 11-10-1995 28-06-1996 15-10-1996 15-09-1995 27-12-1995 05-02-1997
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US 4466442 A	21-08-1984	DE 3141641 A AT 18356 T AU 558152 B AU 8916382 A CA 1199577 A DK 455782 A, B, EP 0077752 A FI 823474 A, B, IE 55051 B JP 2040803 C JP 4043889 B JP 58079930 A NZ 202186 A ZA 8207577 A	28-04-1983 15-03-1986 22-01-1987 21-04-1983 21-01-1986 17-04-1983 27-04-1983 17-04-1983 09-05-1990 09-04-1996 20-07-1992 13-05-1983 11-07-1986 31-08-1983
WO 9817324 A	30-04-1998	AU 4714797 A NO 991869 A	15-05-1998 02-06-1999